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To: U.S. Patent and Trademark Office – From: Christian R. Andersen
 Examiner: Unknown Sr. Paralegal – Intellectual Property
 Group Art Unit: Unknown

Fax:	703-872-9306	Pages
		with 25
		Cover:

FORMAL SUBMISSION OF:

- | | |
|--|--|
| 1) Information Disclosure Statement Transmittal; | 2) Information Disclosure Statement Under 37 C.F.R. § 1.97(b); and |
| 3) PTO-1449 with attachments. | |

Title: HASH-BASED SYSTEMS AND METHODS FOR DETECTING AND
 PREVENTING TRANSMISSION OF UNWANTED EMAIL
 Serial No. 10/654,771
 Filing Date: September 4, 2003
 First Named Inventor: Walter Clark Milliken
 Atty. No. 00-4039 CIP 2

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that the above-referenced documents are facsimile transmitted to the Patent and Trademark Office on the date shown below:

Christian R. Andersen

Date of Transmission: June 10, 2004

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#1742vt

Patent
Attorney's Docket No. 00-4039CIP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Walter Clark Milliken et al.) Group Art Unit: 2143
Application No.: 10/654,771) Examiner: Unknown
Filed: September 4, 2003)
For: HASH-BASED SYSTEMS)
AND METHODS FOR)
DETECTING AND PREVENTING)
TRANSMISSION OF UNWANTED)
E-MAIL)

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INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of the IDS is required.
- The fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- Charge \$ _____ to Deposit Account No. 07-2347 for the fee due.
- A check in the amount of \$ _____ is enclosed for the fee due.

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Information Disclosure Statement Transmittal Letter
Application Serial No. 10/654,771
Attorney's Docket No. 00-4039CIP2
Page 2

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to
Deposit Account No. 07-2347.

Respectfully submitted,

VERIZON CORPORATE SERVICES GROUP INC.

By: Joe Wall

Joe Wall
Reg. No. 25,648

Verizon Corporate Services Group Inc.
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Irving, Texas 75038
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CUSTOMER NO. 32127

Date: June 10, 2004

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Patent
Attorney's Docket No. 00-4039CIP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Walter Clark Milliken et al.) Group Art Unit: 2143
Application No.: 10/654,771) Examiner: Unknown
Filed: September 4, 2003)
Title: HASH-BASED SYSTEMS AND)
METHODS FOR DETECTING)
AND PREVENTING)
TRANSMISSION OF UNWANTED)
E-MAIL)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant(s) bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action in the above-referenced application. As such, no certification or fee is required. Copies of the listed documents are attached.

Applicant(s) respectfully request(s) that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

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Information Disclosure Statement Under 37 C.F.R. § 1.97(b)
Application Serial No. 10/654,771
Attorney's Docket No. 00-4039CIP2
Page 2

If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

This submission does not represent that a search has been made and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, Applicant(s) reserve(s) the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

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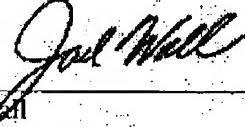
Information Disclosure Statement Under 37 C.F.R. § 1.97(b)
Application Serial No. 10/654,771
Attorney's Docket No. 00-4039CIP2
Page 3

If there is any fee due in connection with the filing of this Statement, please charge the
fee to our Deposit Account No. 07-2347.

Respectfully submitted,

VERIZON CORPORATE SERVICES GROUP INC.

By: _____


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Date: June 10, 2004

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SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION PTO-1449			ATTORNEY's Dkt No. 00-4039CIP2	APPLICATION NO. 10/654,771		
			APPLICANT(S) Walter Clark Milliken et al.			
			FILING DATE September 4, 2003	GROUP 2143		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						Yes
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	Todd Heberlein; "Worm Detection and Prevention: Concept, Approach, and Experience"; Net Squared, Inc.; http://www.attackcenter.com/Information/WhitePapers/WormDetect/ ; August 14, 2002; pp. 1-7.					
	S. Staniford-Chen, and L. Todd Herberlein; "Holding Intruders Accountable on the Internet"; Proceedings of the 1995 IEEE Symposium on Security and Privacy; Oakland, CA, pp. 39-49, 8-10 May 1995.					
EXAMINER	DATE CONSIDERED					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).